

**MICROBIOLOGICAL MONITORING OF DRINKING WATER FOR
CATTLE
IN DIFFERENT REGIONS OF THE FARM UKRAINE.**

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Biogeochemical zone, drinking water, cattle, cows, well, drinking bowls,
microbiological investigations and year seasons.

There were conducted the microbiological investigations of water that is used for watering of animals in different regions of Ukraine. Microbiological picture of every water source were characterized in two ways – locational (on the exit of the wells and from drinking bowls) and timely (different seasons of the year). There was established that with the bigger the distance from the wells microbial contamination of the water increases. Also water's microbial indexes deteriorate in summer and autumn season.

The aims of research - to learn sanitary and microbiological indicators of water, which is used for watering cattle in various biogeochemical zones of Ukraine.

Material and methods. The research of drinking water was carried for 2011-2012 on 20 commercial dairy farms of 18 households in different regions of Ukraine.

Results. Often, for watering animals in use water boreholes without prior treatment and disinfection.

